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SUBJECT: General - Administrative,

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Specific - Construction - Warehouse Roof Repair

1. The Project Engineer has just been informed by the Officer in Charge of Construction that delivery on the materials to accomplish Item 50: "Marehouse Roof Repair" cannot be expected until some time in the month of March

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- 2. When 56%4 was sent requesting approval of Item 50, the factors considered in selecting the method of repair were:
- a. To select a method of repair that would insure a sound roof the first time, without recourse to additional repairs if this method did not work:
- b. To spend as much time and money as necessary to obtain such a repting job, and to avoid cheaper, "possibly effective" methods of repair;
- c. To complete the job within a reasonably short time, but to reject quicker methods that might not insure the desired results.
- 3. During the discussions on the possible methods of repair, an alternat; solution to the problem was considered feasible, but not necessarily sure and was therefore rejected. This method called for cleaning the roof, applying a hot coat of asphalt (AR3), sanding the asphalt and then spraying the surface with a coat of asphalt-base aluminum paint. As will recall, this was the method used on the roofs of the contractor's houses, and which appeared to give satisfactory results there.

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4. In view of the present delay in starting the repairs by the approved method, the OICC has recommended repairing the roofs as described in paragraph 3 above. The Project Engineer concurs in this recommendation and has authorized the repair of one roof by this method. After completion of the one roof, a water test will be made with fire hoses and the entire roof checked for leaks, If this method produces the expected satisfactory results, the other two roofs will repaired in a similar manner and the dehumidified ceiling replaced.

5. Several factors contribute to the urgency of repairing the roofs as soon as possible The dehumidified space is sorely needed to prevent further deterioration of the equipment and to permit the crates to be opened 25X1A for inspection and preventive maintanance. Since all other Increment III items will be substantially complete by 1 M arch, repair of the roofs at this time will prevent a delay in the completion of the Project Engineer's assignment.

13 January 1956

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